

Abstract of the Invention

An autostereoscopic lenticular screen has a lenticular screen held in juxtaposition with a display surface. The lenticular screen has lenticules disposed on one side thereof and a smooth surface on the other side thereof.

- 5 In one aspect of the invention, a closed chamber is formed over the lenticules. In order to deactivate the refractive properties of the lenticular screen, and thereby view the display in a planar mode, an optically clear fluid, such as a floropolymer, is introduced into at least a portion of the closed chamber. In order to activate the refractive properties of the lenticular screen, and thereby
- 10 view the display in a stereoscopic mode, the optically clear fluid is removed from the closed chamber. In a particularly preferred arrangement, the lenticular screen is oriented such that the lenticules face inwardly toward the display screen, and the smooth surface of the lenticular screen is coated with an antireflective material.